

[illegible]

Tuesday, September 07, 2010 3:15:03 PM

Accept

[illegible]**Setup Start**

Stop

[REDACTED]

Cust Item ID:

Start Date: 9/7/2010 **Start Qty:** 8.00

[illegible]**Customer:**

Required Date: 9/13/2010 Req'd Qty: 8.00

Reference:

Run Start

00000000000000000000

Approvals: **Process Plan:**

Date: 10-9-08

Tooling:

Date:

Stop


Abstract

QC:

Date:

SPC (Y/N):

Date:

100	0.00	
	FLOW WATER JET	
Waterjet		
FLOW CNC Waterjet	Memo	HB 10-9-15
304.040	1-Cut as per Dwg D3535 <input type="checkbox"/> Dwg Rev: <u>2</u> <input type="checkbox"/> Prog Rev: <u>B</u> <input type="checkbox"/> 2- Deburr if necessary	

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

QC

Quality Control

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

[illegible]

QC

Quality Control

QC8- Inspect parts - second check

0.00

Memo

0,00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Page 2

[illegible]

[REDACTED]

Stop

1. The first group of respondents was made up of 100 randomly selected individuals from the general population of the United States. The second group was made up of 100 randomly selected individuals from the general population of the United States. The third group was made up of 100 randomly selected individuals from the general population of the United States. The fourth group was made up of 100 randomly selected individuals from the general population of the United States. The fifth group was made up of 100 randomly selected individuals from the general population of the United States. The sixth group was made up of 100 randomly selected individuals from the general population of the United States. The seventh group was made up of 100 randomly selected individuals from the general population of the United States. The eighth group was made up of 100 randomly selected individuals from the general population of the United States. The ninth group was made up of 100 randomly selected individuals from the general population of the United States. The tenth group was made up of 100 randomly selected individuals from the general population of the United States.

██████████
██████████
██████████
██████████
██████████

Customer:

[REDACTED]

Run Start

Stop

**Insp.
Stamp**

130


0.00

Brake NC

Memo

0.00

Brake NC

1-Form on Brake as per Dwg D3535 using Jigs DT8261 and DT8326
2-Form joggle as per Dwg D3535 using Jig DT8158
3-Identify as D3535-23

Form *SP* 10/09/16

12

QC

QC5- Inspect part completeness to step on W/O

0.00

QC

Memo

0.00

Quality Control

21/02/16

412



Powdercoat

Grey Sandtex(Ref:4.3.5.6),per QSI005 4.3

0.00

Powdercoat

Memo

0.00

Powder Coating

START TIME:

☐ OVEN TEMPERATURE:

00:00 ☐ FINISH TIME:

□OVEN TEM 120

12

W/O:		WORK ORDER CHANGES					
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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

Tuesday, September 07, 2010 3:15:08 PM

Page 1

Work Order ID: 61830



Parent Item: D3535-23



Parent Item Name: Wearshoe

Start Date: 9/7/2010

Required Date: 9/13/2010

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP Rev:A New Issue 07-02-15 JLM
IPP Rev:B As per Rev B 07-08-31 JLM Verified By:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M304S20GA

Purchased

No

100

sf

102.7987

1.3615

11.46526



IB10-9-15

304/316 .040 Sheet

Location

Loc Qty

Loc Code

MAT

16.1522

114574

16.1522

MAT20

86.6465

112885

2.7475

113062

0.699

115440

83.2

115440

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

DART AEROSPACE LTD		Work Order:	11830
Description: Wearshoe		Part Number:	D3535-23
Inspection Dwg: D3535	Rev: B	Page 1 of 1	

FIRST ARTICLE INSPECTION CHECKLIST

☒ First Article ☐ Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
1.885	+/-0.010	1.889	✓		V 1302	
2.000	+/-0.010	2.000	✓		V	
4.750	+/-0.010	4.750	✓		T	
9.500	+/-0.010	9.500	✓		T	
14.250	+/-0.010	14.250	✓		T	
17.750	+/-0.010	17.750	✓		T	
23.140	+/-0.010	23.140	✓		T	
28.530	+/-0.010	28.530	✓		T	
33.920	+/-0.010	33.920	✓		T	
39.310	+/-0.010	39.310	✓		T	
44.700	+/-0.010	44.700	✓		T	
48.200	+/-0.010	48.200	✓		T	
52.850	+/-0.010	52.850	✓		T	
Ø0.188	+0.005/-0.001	0.189	✓		V	
48.00	+/-0.030	48.00	✓		T	
39.00	+/-0.030	39.00	✓		T	
32.00	+/-0.030	32.00	✓		T	
24.00	+/-0.030	24.00	✓		T	
16.00	+/-0.030	16.00	✓		T	
8.00	+/-0.030	8.00	✓		T	
6.00	+/-0.030	6.00	✓		T	
0.300	+/-0.010	0.304	✓		V	
0.300	+/-0.010	0.302	✓		V	
0.038	+/-0.010	0.036	✓		V	

Measured by: RB	Audited by: S	Prototype Approval:	N/A
Date: 10-9-15	Date: 10/09/15	Date:	N/A

Rev	Date	Change	Revised by	Approved
A	07.11.23	New Issue	KJ/EC/DD	AS

W/O:		WORK ORDER CHANGES					
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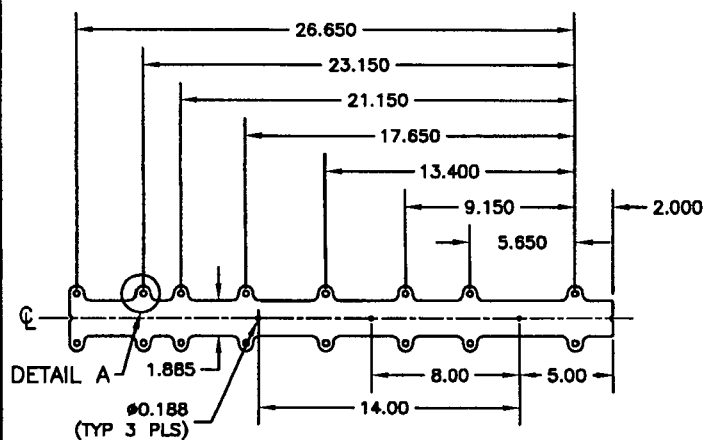
NOTE: Date & initial all entries

DART

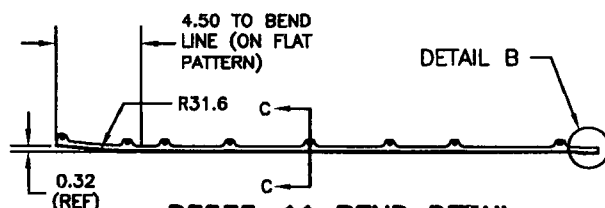
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07.04.24

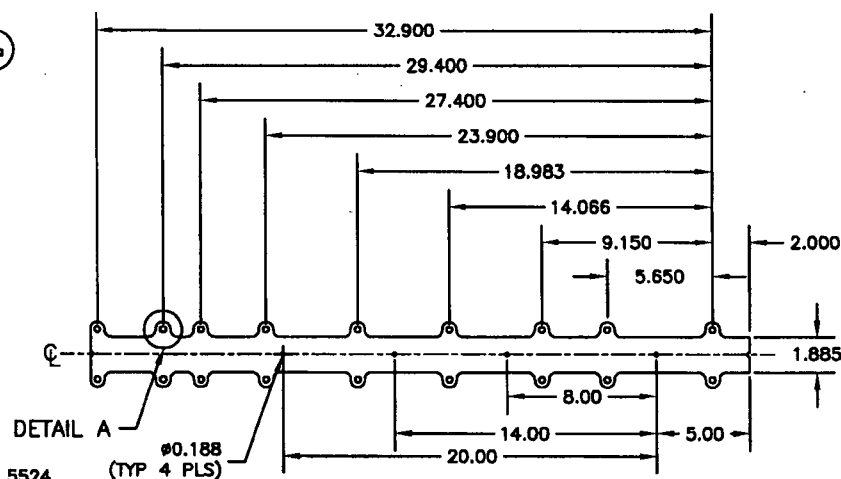
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 01830
BS10-9-08



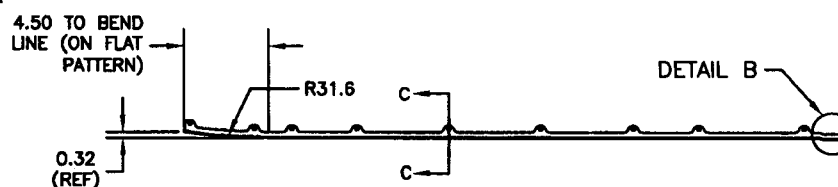
D3535-11F FLAT PATTERN



D3535-11 BEND DETAIL



D3535-13F FLAT PATTERN



D3535-13 BEND DETAIL

NOTES

- 1) MATERIAL: AISI 304/316 SS SHEET PER AMS 5513 OR AMS 5524, 20 GAUGE (0.038 THICK) (REF DART SPEC M304S20GA)
- 2) FINISH: POWDER COAT GREY SANDTEX (4.3.5.6) PER QSI 005 4.3
- 3) PART IS SYMMETRICAL ABOUT C
- 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 5) ALL DIMENSIONS ARE IN INCHES
- 6) BREAK ALL SHARP EDGES TO 0.010 MAX
- 7) IDENTIFY WITH DART P/N USING WHITE FINE POINT PAINT MARKER
- 8) SEE PAGE 7 FOR DETAILS AND SECTION

DESIGN	DRAWN BY	DART AEROSPACE USA, INC.	
CB	PH	PORT HADLOCK, WA	
CHECKED	APPROVED	DRAWING NO.	REV. B
		D3535	SHEET 1 OF 7
DATE	TITLE	SCALE	
07.04.17	WEARSHOE	1:10	
A	06.10.25	NEW ISSUE	
B	07.04.17	MOVE TAB OUTBOARD, ADD AMS SPEC	

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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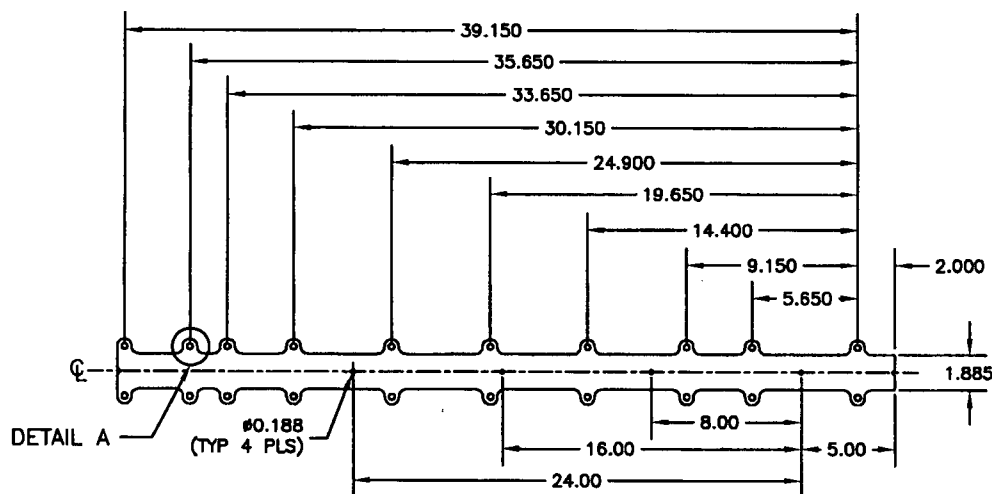
NOTE: Date & initial all entries

DART

RELEASED

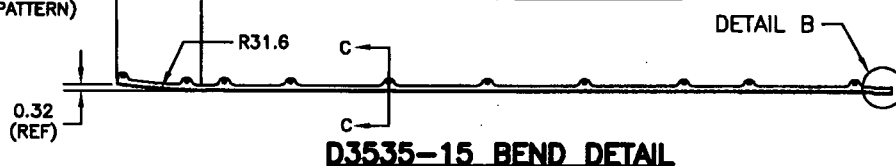
07.04.24

DESIGN	DRAWN BY	DART AEROSPACE USA, INC.	
CB	PH	PORT HADLOCK, WA	
CHECKED	APPROVED	DRAWING NO.	REV. B
<i>[Signature]</i>	<i>[Signature]</i>	D3535	SHEET 2 OF 7
DATE	TITLE	SCALE	
07.04.17	WEARSHOE	1:10	



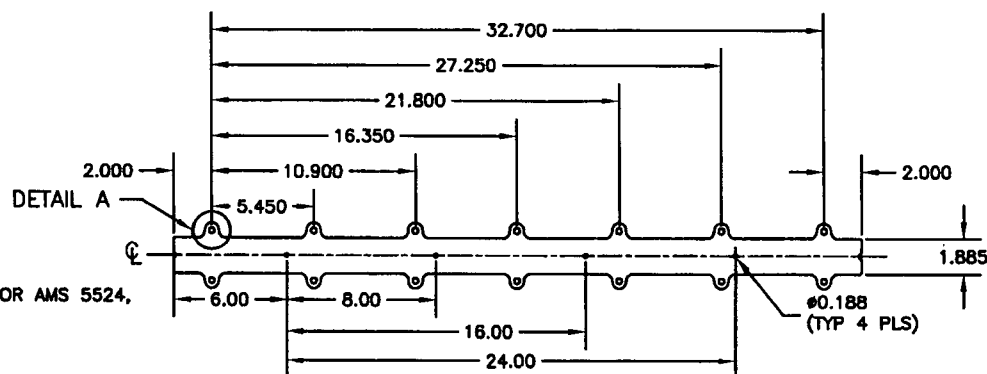
4.50 TO BEND
LINE (ON FLAT
PATTERN)

D3535-15F FLAT PATTERN

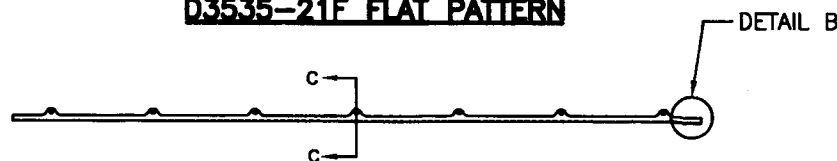


D3535-15 BEND DETAIL

w/ 6 Q1830



D3535-21F FLAT PATTERN



D3535-21 BEND DETAIL

NOTES

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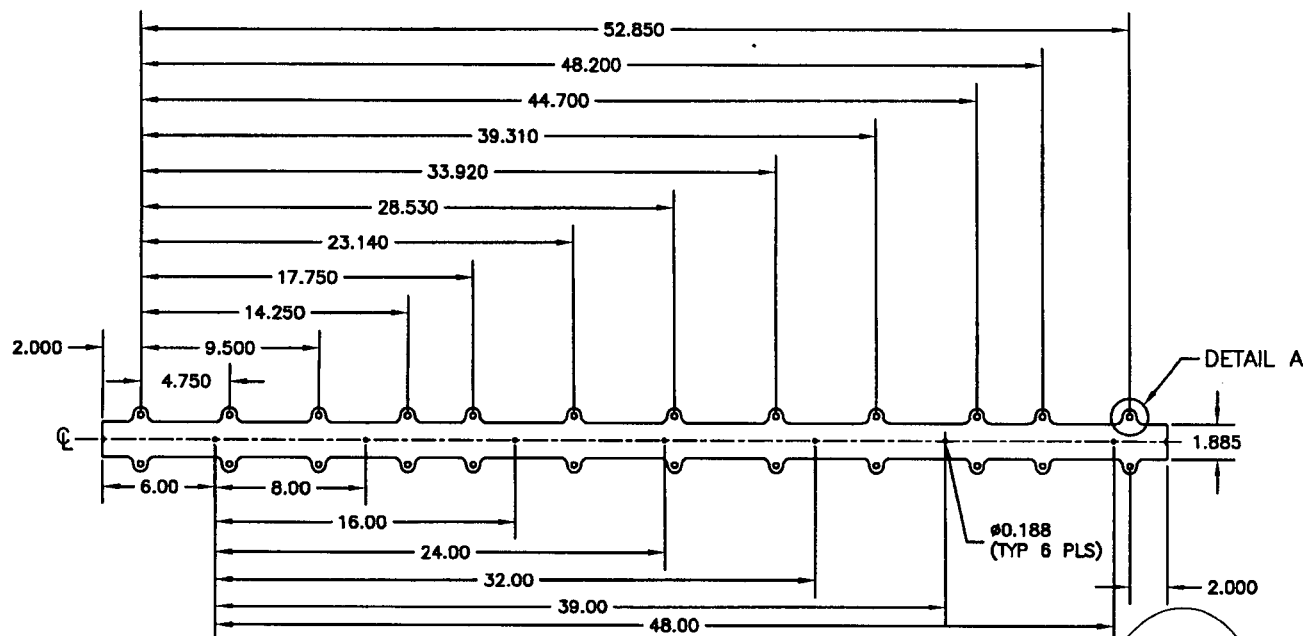
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DART

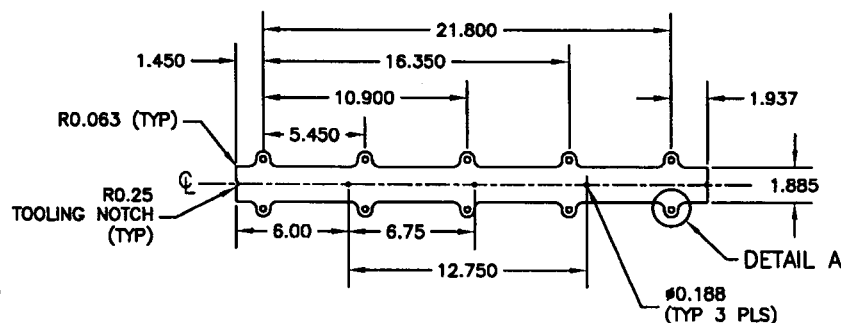
RELEASED

07.04.24



D3535-23F FLAT PATTERN

D3535-23 BEND DETAIL



D3535-25F FLAT PATTERN

D3535-25 BEND DETAIL

NOTES

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DESIGN	DRAWN BY	DART AEROSPACE USA, INC.
CB	PH	PORT HADLOCK, WA
CHECKED	APPROVED	DRAWING NO.
		D3535
DATE	TITLE	SHEET 3 OF 7
07.04.17	WEARSHOE	SCALE 1:10

W/O:		WORK ORDER CHANGES					
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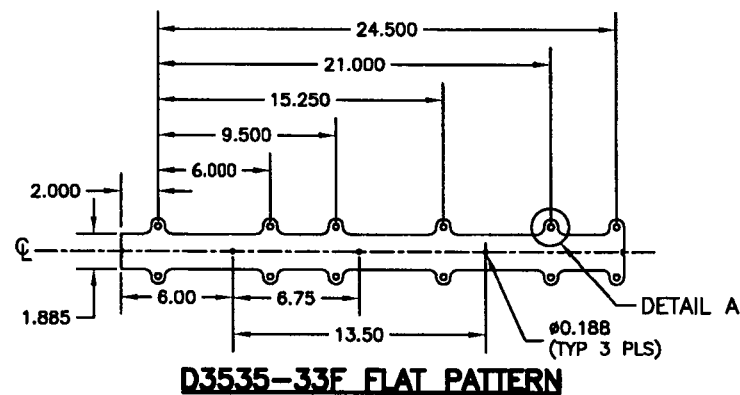
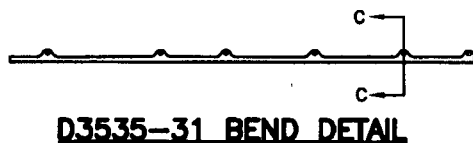
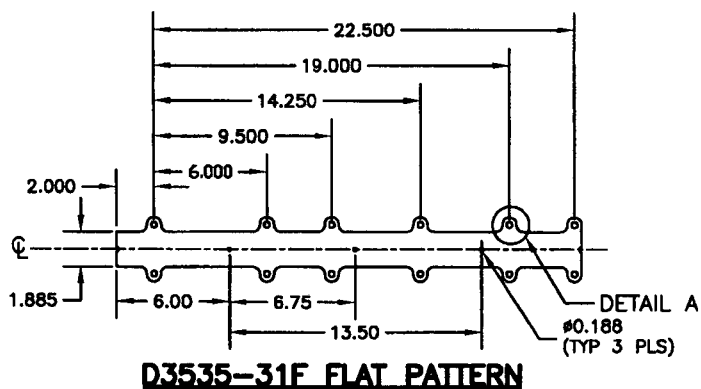
NOTE: Date & initial all entries

DART

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07.04.17

DESIGN	DRAWN BY	DART AEROSPACE USA, INC.	
CB	PH	PORT HADLOCK, VA	
CHECKED	APPROVED	DRAWING NO.	REV. B
		D3535	SHEET 4 OF 7
DATE	TITLE	SCALE	
07.04.17	WEARSHOE	1:10	



NOTES

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(REF DART SPEC M304S20GA)
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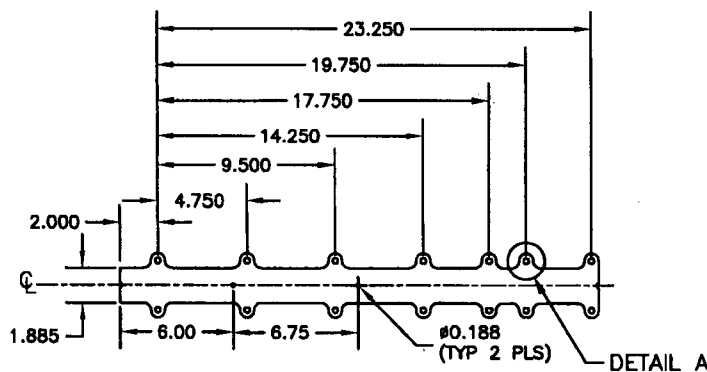
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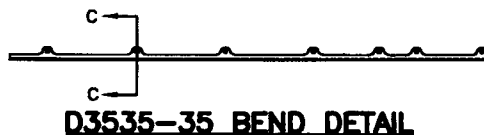
RELEASED
07.04.17

W/L 61830

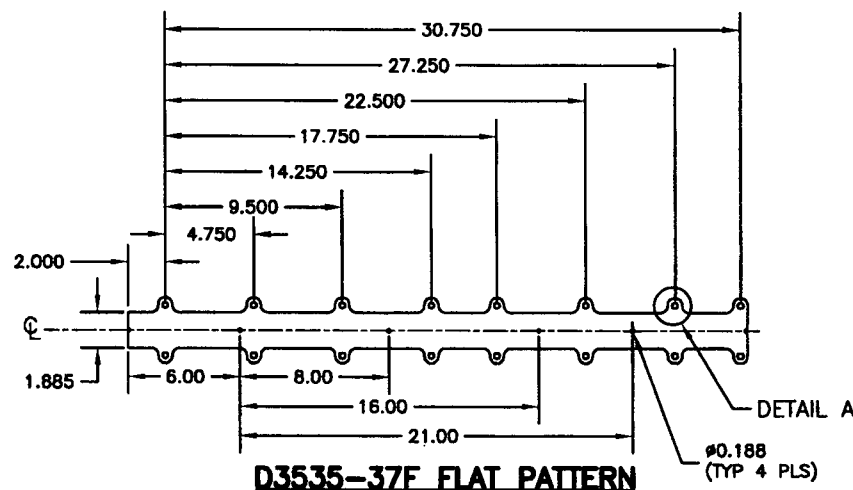
DESIGN CB	DRAWN BY PH	DART AEROSPACE USA, INC. PORT HADLOCK, WA
CHECKED <i>[Signature]</i>	APPROVED <i>[Signature]</i>	DRAWING NO. D3535
DATE 07.04.17	TITLE WEARSHOE	SHEET 5 OF 7
	SCALE 1:10	REV. B



D3535-35F FLAT PATTERN



D3535-35 BEND DETAIL



D3535-37F FLAT PATTERN



D3535-37 BEND DETAIL

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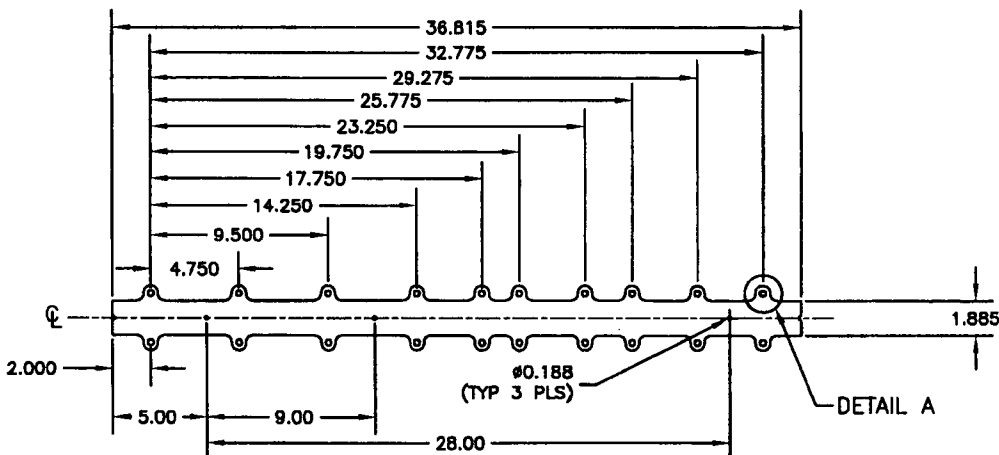
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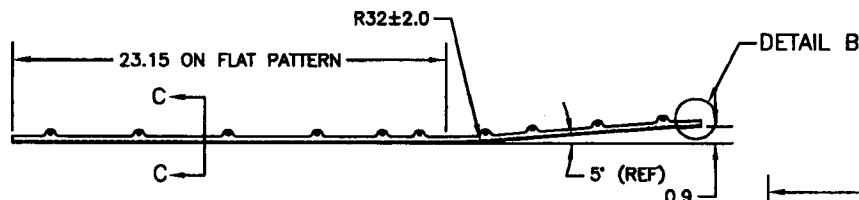
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07.04.14

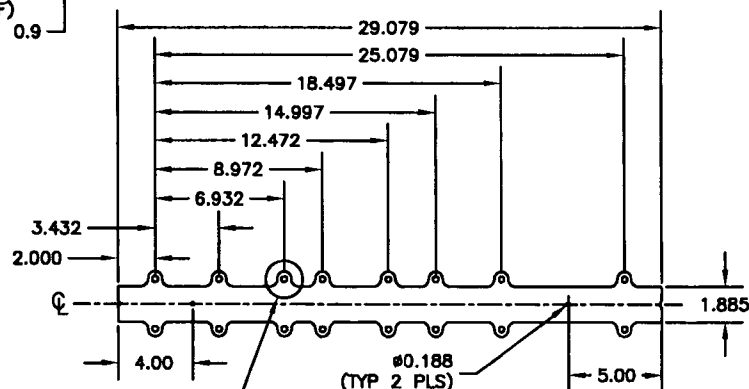
DESIGN	C.B.	DRAWN BY	MH	DART AEROSPACE USA, INC.
CHECKED		APPROVED		PORT HADLOCK, WA
DATE	07.04.17	TITLE	D3535	WEARSHOE
		SCALE	1:10	
		REV. B	SHEET 6 OF 7	



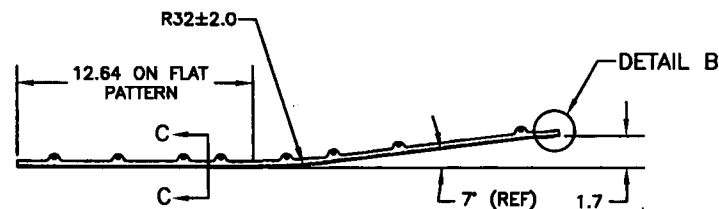
D3535-39F FLAT PATTERN



D3535-39 BEND DETAIL



D3535-41F FLAT PATTERN



D3535-41 BEND DETAIL

NOTES

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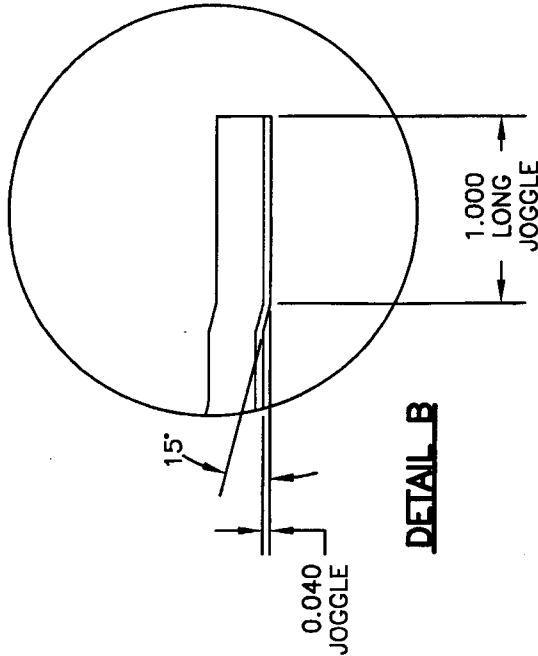
NOTE: Date & initial all entries



DESIGN CB	DRAWN BY PH	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
CHECKED 	APPROVED 	DRAWING NO. D3535	REV. B SHEET 7 OF 7
DATE 07.04.17	TITLE WEARSHOE		SCALE 1:1

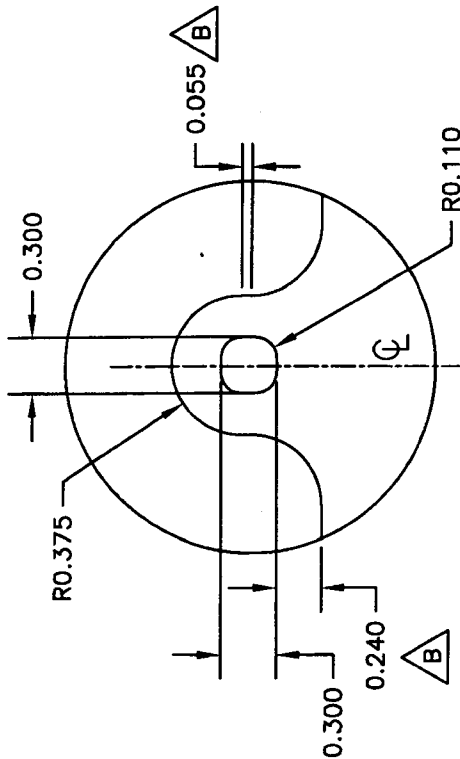
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07.04.24

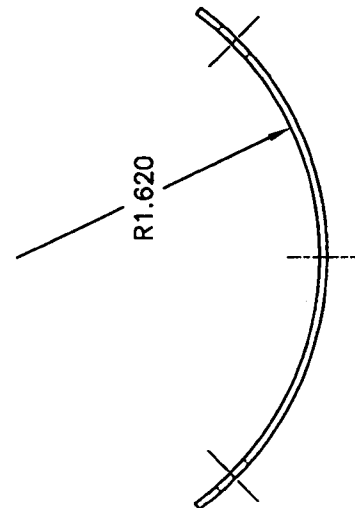


DETAIL B

WLB 6/830



DETAIL A



SECTION C-C

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries